Index of Claims

| Appl | ication/Control | No. |  |
|------|-----------------|-----|--|
|      |                 |     |  |

09/698,622 Examiner

Emmanuel Bayard

Applicant(s)/Patent under Reexamination

JONG ET AL.

Art Unit

2611

✓ Rejected= Allowed

| ı | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim      | Date       |              |  |              |          |          | ]              | Claim Date                                       |          |     |   |          |                         |          | ]        | Claim     |         |              | Date   |          |       |          |            |          |            |          |           |           |          |           |              |           |
|--|----------|------------|--------------|--|--------------|----------|----------|----------------|--|----------|-----|---|----------|-------------------------|----------|----------|-----------|---------|--------------|--|----------|-------|----------|------------|----------|------------|----------|-----------|-----------|----------|-----------|--------------|-----------|
| Final  | Original | 6256       |              |  |              |          |          |                |  |          |     | Final   | Original |                         |          |          |           |         |              |  |          |       | Final    | Original   |          |            |          |           |           |          |           |              |           |
| 7  | 1        | 2          |              |  |              |          | Ė        |                |  |          | 1   |   | 51       |                         |          |          | $\dagger$ | $\top$  | 1            | <del>                                     </del> |          | ĺ     |          | 101        |          | $\vdash$ † | 十        | ᅥ         | -         |          | $\dashv$  | $\dashv$     | ⊣         |
| 0  | 2        | 4          |              |  |              |          |          |                |  |          | ]   |   | 52       |                         |          |          | I         | I       |              |  |          | ]     |          | 102        |          |            | $\Box$   |           |           |          |           | $\exists$    |           |
| 3  | 3        | Ш          | $oxed{oxed}$ | ļ.,  | $oxed{oxed}$ | <u> </u> | _        |                | <u> </u>   | <u> </u> | Į   |   | 53       |                         | _        |          | ᆚ         | ┸       |              |  |          |       |          | 103        |          |            |          |           |           |          | $\Box$    | $\Box$       |           |
| 4  | 4        | Ш          | <u> </u>     | _  | ┞            | ┞        | <u> </u> | ļ              | ┡  | <u> </u> |     |   | 54       |                         |          |          | $\perp$   | $\perp$ | —            | _  | 上        |       |          | 104        |          | Ш          | $\perp$  | _         | _         |          | Ц         | $\Box$       |           |
| 3  | 5        | 10         | ├            | ┡  | ┝            | ├        | <u> </u> | <b>↓</b> _     | ┡  | ├-       | 1   |   | 55       |                         |          |          | $\perp$   | $\bot$  |              | ┺  | ⊢        |       |          | 105        |          | $\sqcup$   | 4        | 4         | _         |          | $\dashv$  | _            | _         |
| 6  | <u>6</u> | Ξ          | ├—           | ⊢  | ┢            | ├        | ├        | <b> </b>       | ┢  | ⊢        | {   |   | 56       | $\vdash$                |          | $\dashv$ | +         | _       | 4-           | ⊢  | ╄        |       |          | 106        | Ш        | $\sqcup$   | _        | $\dashv$  | _         | _        | $\dashv$  | $\dashv$     | _         |
| 8  | 8        | =          | ┢            | ┢  | ├            | ├        | ⊢        | ⊢              | ┢  | ├        | ł   | -   | 57<br>58 | Н                       | $\dashv$ | $\dashv$ | +         | +       | ╫            | -  | ├-       |       |          | 107        |          | 1          | +        | 4         |           |          | $\dashv$  | $\dashv$     | ᅴ         |
| 9  | 9        | Ξ          | ┢            | ┢╌   | ╁╾           | ╁        | ⊢        | ┢              | ╁  | -        | ł   |   | 59       | Н                       | $\dashv$ |          | ┰         | +       | ┿            | ╁  | ╁        | l     | <u></u>  | 108<br>109 | щ        | $\dashv$   | $\dashv$ | -+        |           | $\dashv$ | +         | $\dashv$     | ᅴ         |
| 10   | 10       | 1          | -            | -  | ╁            | $\vdash$ | $\vdash$ | ╁              | <del>  -</del>                                   | ┝        | ł   |   | 60       | H                       | -        | +        | +         | +       | +            | ├  | ⊢        |       | ├─       | 110        |          | $\vdash$   | +        | $\dashv$  |           |          | +         | $\dashv$     | $\dashv$  |
| 11   | 11       | ↾℩         | 1            | 1  | $\vdash$     | $\vdash$ | $\vdash$ |                | ┢  | -        | i   |   | 61       | H                       | 一        | $\dashv$ | +         | +       | +            | ┢  | ╁╌       |       | ├─       | 111        | -        | -          | +        | ╡         | ᅱ         | $\dashv$ | $\dashv$  | +            | 러         |
| IV   | 12       | $\sqcap$   | 1            | $\vdash$   | T            | Т        | $\vdash$ | t              | H  | Н        | 1   | $\vdash \lnot$  | 62       | $\vdash$                |          | +        | +         | +       | +-           | H  | $\vdash$ |       | $\vdash$ | 112        | Н        | $\vdash$   | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$     | ᅱ         |
| 13   | 13       | Ü          |              |  | T -          | 1        | Т        | Τ              | <del>                                     </del> | Т        | 1   |   | 63       | $\vdash$                | $\dashv$ | $\dashv$ | +         | +       | $\top$       | $t^-$  | †-       |       | <u> </u> | 113        | Н        | $\vdash$   | +        | $\dashv$  | $\dashv$  |          | $\dashv$  | $\dashv$     | ᅱ         |
| 7  | 14       | 7          | Г            |  |              | l        |          |                |  | Г        | 1   | $\Box$  | 64       | $\Box$                  | _        | $\dashv$ | $\dagger$ | +       | T            | Ι_   | 1-       |       | $\vdash$ | 114        | Н        | $\dashv$   | +        | 7         | ᅥ         | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$  |
|  | 15       |            |              |  |              |          |          |                | Ĺ  |          |     |   | 65       |                         |          |          | 1         | 1       | T            |  | T        | 4.4   |          | 115        | П        |            | $\top$   | T         | $\dashv$  |          | $\dashv$  | 十            | $\dashv$  |
|  | 16       |            |              |  |              |          |          |                |  |          |     |   | 66       |                         |          |          | Т         |         |              |  |          | - 120 |          | 116        |          |            | T        | T         | 寸         | ヿ        | コ         | $\dashv$     | ᅱ         |
| <u> </u>   | 17       | _          |              | <u> </u>   | L            |          |          | L              |  |          |     |   | 67       |                         |          |          |           |         |              |  |          | 7 S.  |          | 117        |          |            | 丁        | T         |           | 一        | T         | ╛            | コ         |
|  | 18       | <u> </u>   | _            |  | L.           | _        | <u> </u> | L              |  |          | Į   |   | 68       |                         |          |          |           |         |              |  |          |       |          | 118        |          |            |          |           |           |          | $\Box$    | $\Box$       |           |
|  | 19       | _          | _            | _  | L_           | <u> </u> | _        | <del> </del> _ | <u> </u>   |          |     | L   | 69       |                         | _        | $\bot$   | 4         | $\perp$ | _            |  | _        | 1.4   |          | 119        |          |            |          |           |           |          | $\Box$    | $\Box$       |           |
|  | 20       | _          |              | ┡  | <u> </u>     |          | _        | _              | <u> </u>   |          | - 3 |   | 70       |                         | _        | _        | 4         | 4       | ╄            | ㄴ  | <u> </u> | J-7-  |          | 120        |          | _          | 4        | 4         |           | _        | _         | $\perp$      | Ц         |
|  | 21<br>22 | ⊢          | ├            | ⊢  | <u> </u>     | -        | ⊢        | -              | ├_   |          |     | $\vdash$  | 71       | $\dashv$                | 4        | _        | 4         | $\bot$  | _            | ╙  | _        | 5.40  |          | 121        |          | 1          | 4        | 4         | _         |          | _         | _            | _         |
|  | 23       | -          | ⊢            | ⊢  | ├            | ┝        | ⊢        | ⊢              | -  | _        | l   |   | 72       |                         |          | +        | +         | ╀       | +            | ├-   | ├-       | 3. 1  | _        | 122        |          | _          | +        | 4         | _         | _        | $\dashv$  | 4            | ᆚ         |
| <u> </u>   | 24       | ⊢          | -            | ├  | $\vdash$     | ┢        | ├        | ┢              | ⊢  |          |     | $\vdash$  | 73<br>74 | $\dashv$                | $\dashv$ |          | +         | +       | -            | ├  | <u> </u> | -     |          | 123        | _        | $\dashv$   | +        | 4         | _         |          | $\dashv$  | $\dashv$     | 4         |
| -  | 25       | -          | H            | -  |              | ╁        | $\vdash$ | ╁              |  | Н        | 1   | $\vdash$  | 75       | -                       | $\dashv$ | +        | ╁         | +       | +            | ⊢  | ├        | ě.    |          | 124<br>125 |          | +          | +        | -         | 4         | -        | -         | -+           | -         |
| _  | 26       | ╁          | ┢            | ┢╌   | -            | -        |          | ┢              | -  |          |     | $\vdash$  | 76       | $\dashv$                | $\dashv$ | +        |           | +       | +            | -  | ┝        | -     |          | 126        |          | -          | +        | +         | 4         | -        | -         | $\dashv$     | $\dashv$  |
| $\vdash$   | 27       | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$     | 一        | -        |                |  | _        |     | $\vdash$  | 77       | $\dashv$                | $\dashv$ |          | +         | ╁       | +            | ⊢  | $\vdash$ | F.    |          | 127        | $\dashv$ | -          | +        | $\dashv$  |           | $\dashv$ | +         | $\dashv$     |           |
|  | 28       |            | 1            | 一  | <del> </del> | $\vdash$ |          |                |  | _        |     |   | 78       | -                       | $\dashv$ | +        | +         | +       | +            | ├  | ├        |       |          | 128        |          | +          | +        | +         | $\dashv$  | -        | $\dashv$  | $\dashv$     | $\dashv$  |
|  | 29       |            | 1            |  | Т            |          | _        | H              |  |          |     |   | 79       | $\dashv$                | -+       | -        | +         | +-      | +            | H  | $\vdash$ |       |          | 129        |          | +          | +        | $\dashv$  | -         | ┪        | 十         | +            | $\dashv$  |
|  | 30       | <u> </u>   | $I^-$        | T  |              |          |          | m              | Г  |          |     |   | 80       |                         | _        |          | 十         | +       | +            | ┢  | ╁╌       | 26    |          | 130        | $\dashv$ | $\dashv$   | +        | $\dashv$  | -         | ┪        | 十         | +            | ᅱ         |
|  | 31       |            |              |  |              |          |          |                |  |          | -   |   | 81       |                         |          | _        | 1         | +-      | 1            | Г  | $\vdash$ | 12    |          | 131        | _        | $\dashv$   | $\dashv$ | +         | $\dashv$  | $\dashv$ | $\dashv$  | 十            | ㅓ         |
|  | _32      |            |              |  |              |          |          |                |  |          |     |   | 82       |                         | 寸        |          | $\top$    |         |              | T  | T        |       |          | 132        |          | $\neg$     | $\top$   | 7         | ┪         | 寸        | 十         | 十            | $\dashv$  |
| Ш  | 33       | <u>L</u>   | <u> </u>     | oxdot  | Ш            | آـــا    |          |                |  |          |     |   | 83       |                         | $\Box$   |          | Ι         | I       | $oxed{\Box}$ |  |          |       |          | 133        |          |            |          |           |           | コ        |           |              | $\exists$ |
|  | 34       | <u> </u>   |              | _  | ļ            | Щ        | Щ        |                | Ш  |          |     | $\sqcup \sqcup$   | 84       | $\Box$                  |          |          | Ţ         |         |              |  |          | _     |          | 134        |          |            |          | I         |           | J        | $\Box$    | I            |           |
| $\vdash \dashv$                                  | 35       | <u> </u>   | <u> </u>     | _  |              | $\vdash$ | $\vdash$ | L              | Щ  | _        |     | $\vdash \vdash$   | 85       | $\perp$                 |          | $\bot$   | 1         | _       | ╄-           | _  | Ш        | - :   |          | 135        | $\Box$   | $\perp$    |          | _[        | Д         | $\Box$   | $\perp I$ | I            |           |
|  | 36       | _          | <u> </u>     |  | _            | <u> </u> | -        | $\vdash$       | Ш  |          |     | $\vdash \!$ | 86       | $\dashv$                | 4        | _        | $\bot$    | $\bot$  | 1            | <u> </u>   | Щ        |       |          | 136        |          | $\perp$    | $\perp$  | $\perp$   | _         | _        |           | $\perp$      |           |
| <del>                                     </del> | 37<br>38 | <u> — </u> | <u> </u>     | <u> </u>   | $\vdash$     |          | <u> </u> | -              | $\vdash$   | _        |     | $\vdash$  | 87       | -                       | 4        |          | +         | $\bot$  | ╄            | <u> </u>   | Щ        | ٠. إ  |          | 137        | _        | $\perp$    | _        | 1         | _         |          | 4         | $\downarrow$ | _         |
| $\vdash$   | 39       | $\vdash$   | -            | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$       | Н  | $\dashv$ |     | $\vdash \vdash \vdash$  | 88       | _                       |          | +        | +         | +       | +-           | ⊢  | Ш        | I,    |          | 138        | _        |            | +        | 4         | $\dashv$  | _        | $\dashv$  | 4            | ╝         |
|  | 40       | <u> </u>   | -            | $\vdash$   |              | <u> </u> | Н        | <del>   </del> | $\vdash$   | $\dashv$ | 1   | $\vdash \dashv$   | 89<br>90 | $\dashv$                | -+       | $\dashv$ | +         | +       | +            | $\vdash$   | $\vdash$ | , in  |          | 139        |          | $\dashv$   | +        | +         | $\dashv$  | _        | $\dashv$  | $\dashv$     | 4         |
|  | 41       | H          | _            | $\vdash$   | $\vdash$     | $\vdash$ | Н        | $\vdash$       |  | $\dashv$ |     | $\longmapsto$   | 91       | $\dashv$                | -        | +        | +         | +-      | +-           | $\vdash$   | $\vdash$ |       |          | 140<br>141 | $\dashv$ | $\dashv$   |          | +         | 4         |          | $\dashv$  | +            | $\dashv$  |
|  | 42       | -          |              | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$ | Н              | $\vdash$   | $\dashv$ |     | ┝─┤   | 92       | +                       | $\dashv$ | +        | +         | +       | ╁┈           | -  | Н        | <br>  |          | 141        | $\dashv$ | $\dashv$   | +        | +         | $\dashv$  | $\dashv$ | +         | +            | $\dashv$  |
|  | 43       | Г          | $\vdash$     | Н  | Н            | Н        | Н        | Н              | $\vdash$   | $\dashv$ | 141 |   | 93       | -+                      | $\dashv$ | +        | +         | +       | +            | $\vdash$   | Н        |       |          | 143        |          | +          | +        | +         | $\dashv$  | $\dashv$ | +         | +            | $\dashv$  |
|  | 44       |            |              | $\vdash$   | П            | $\vdash$ | Н        | H              | Н  | $\dashv$ |     |   | 94       | -+                      | +        | +        | +         | +       | +            | $\vdash$   | $\vdash$ |       | -        | 144        |          | +          | +        | +         | $\dashv$  | $\dashv$ | +         | +            | $\dashv$  |
|  | 45       |            |              |  |              |          | Н        | Н              | П  | $\dashv$ |     | $\vdash$  | 95       | -1                      | $\dashv$ | +        | $\dagger$ | $\top$  | T            | Н  | Н        |       |          | 145        | - 1      | +          | 十        | +         | $\dashv$  | $\dashv$ | +         | +            | $\dashv$  |
|  | 46       |            |              |  |              |          |          |                |  |          |     |   | 96       | $\dashv$                | _        |          | T         | 1       | 1            | H  | H        |       |          | 146        | $\dashv$ | $\dashv$   | +        | +         | $\forall$ | $\dashv$ | +         | 十            | $\dashv$  |
|  | 47       |            |              |  |              |          |          |                |  |          |     |   | 97       | _†                      |          | $\top$   | Ť         | Ì       |              |  | П        |       |          | 147        | 寸        | $\dashv$   | _        | $\dagger$ | $\dashv$  | +        | +         | +            | ㅓ         |
| [  | 48       |            |              |  |              |          |          |                |  |          | ٠,  |   | 98       |                         | ⇉        |          | Τ         | Ι       |              |  |          |       |          | 148        | $\dashv$ | $\top$     | $\top$   | +         | $\dashv$  | _        | 十         | +            | 丨         |
|  | 49       |            |              |  |              |          |          |                |  |          | . : |   | 99       | $oldsymbol{\mathbb{I}}$ | $\Box$   | I        | Ι         | Ι       |              |  |          |       |          | 149        | 一        | _          | 十        | 7         | $\forall$ | $\dashv$ | 十         | $\top$       | ヿ         |
| لــــــــا                                       | 50       |            |              |  |              |          |          |                | l  |          |     |   | 100      |                         |          |          |           |         |              |  |          | - [   |          | 150        |          | T          | T        | T         | T         | $\neg$   | $\neg$    | T            | ٦         |